

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION III
CENTRAL REGIONAL LABORATORY
839 BESTGATE ROAD
ANNAPOLIS, MARYLAND 21401

\$01-224-2740 FTS-822-3783

DATE

August 3, 1987

SUBJECT:

Comments on Additional Submissions (July 1 to July 31, 1987) for Avtex Fibers Site QAPJP

19. 1. 2. 2.2.3.1 和歌剧情景

FROM

Diana Pickens (3ES23)

Chemist

TO

Ruth Rzepski (3HW16) Compliance Officer

THRU

: Pat Krantz (3ES23)

Chief, Quality Assurance Section

This report summarizes events and comments since my May 7, 1987 memo. The following documents (listed by G&M document control number) were reviewed:

7-1-87-3 7-16-87-1 Comments and Avtex lab documentation Cambridge Analytical Associates QAPJP Deletion of the solubility range test

- 7-30-87-1

Revised list of analyses to be performed

7-31-87-1

Chemica (Ho)

in-house by Avtex and revised field

preparation and preservation

- o As per the conversation 7/31/87 between Michele Ruth and Diana Pickens, five parameters were deleted from the document 7-1-87-3: conductivity, lead, ammonta nitrogen, oil and grease, and sulfide.
- o The documentation provided for the in-house methods is inadequate to determine technical adequacy. Table I is provided which contains minimum performance criteria to be used for these methods.
- o The calculations presented are either incorrect or ambiguous. All raw data and calculation equations must be supplied to allow an independent verification of the results. Quality control samples from EPA EMSL-Cincinnati are included in this table as requirements. The results of each QC sample must be submitted in the routing project status reports.
- o The analysts need to take special precautions to ensure the sample results are within the range of the methods. There was insufficient information presented to predict whether a problem is expected at this site. Since the treatability study may involve analysis of a wide range of concentrations, the analysts need to be aware of the potential problem.

FOR *EPA CRL ANNAPOLIS

Charles (Kel)

general, the documentation provided for the geotehnical work is sufficient. The QC and notes provided on the attached table must be incorporated into the work done in the Avtex lab. Then the QAPJP will be completely approved. If you have questions or comments on this report, please call me.

Enclosure

DP:wbg:QA E-mail #1

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